



1Fm 2634

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Alan Gatherer

Serial No.: 10/037,179

Filed: 10/23/2001

For: **USING SISO DECODER FEEDBACK TO PRODUCE SYMBOL PROBABILITIES FOR USE IN WIRELESS COMMUNICATIONS THAT UTILIZE SINGLE ENCODER TURBO CODING AND TRANSMIT DIVERSITY**

TI-31552

Examiner: Pathak, S.

Art Unit: 2634

Conf. No.: 6358

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

MAILING CERTIFICATE UNDER 37 C.F.R. § 1.8(A)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on April 12, 2006.

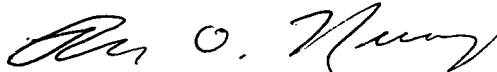

Elizabeth Austin

Dear Sir:

In response to the Search Report received from the European Patent Office (a copy of which is enclosed), Applicant wishes to bring to the attention of the U.S. Patents and Trademarks Office the information noted on the enclosed PTO/SB/08A. Copies of the cited references are enclosed. All of these references were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to filing this statement.

The Commissioner is hereby authorized and requested to charge any necessary fee to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,

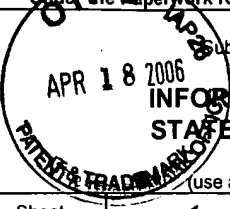


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 Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete If Known	
				Application Number	10/037,179
				Filing Date	10/23/2001
				First Named Inventor	Alan Gatherer, et al.
				Group Art Unit	2634
				Examiner Name	Pathak, Sudhanshu C.
Sheet	1	of	2	Attorney Docket No.	TI-31552

U.S. PATENT DOCUMENTS						
Exam. Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (MM-DD-YYYY)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	5,883,907		Hoekstra	03/16/1999	
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
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	AN					
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FOREIGN PATENT DOCUMENTS								
Exam. Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ² (if known)				
	BA		WO 98/43373 A		01/10/1998	Northern Telecom Limited		
	BB		EP 0 982 870 A1		01/03/2000	Lucent Technologies Inc.		
	BC							
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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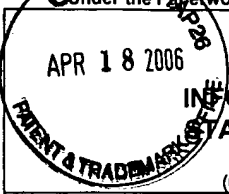
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 <p>Substitute for Form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>		Complete If Known			
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		First Named Inventor	Alan Gatherer, et al.		
		Group Art Unit	2634		
		Examiner Name	Pathak, Sudhanshu C.		
Sheet	2	of	2	Attorney Docket No.	TI-31552

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam. Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	"Combined Multilevel Turbo-Code With MR-Modulation", L. Papke, et al., Communications-Gateway to Globalization. Proceedings of the Conference on Communications. Seattle, June 18-22, 1995, Proceedings of the Conference on Communications (ICC), New York, IEEE, US, Vol. 2, June 18, 1995, 668-672, XP000533098, ISBN: 9-7803-2487-0	
	CB	"Improved Space-Time Codes Using Serial Concatenation", Xiaotong Lin, et al., IEEE Communications Letters, IEEE Service Center, Piscataway, NJ, US, Vol. 4, No. 7, July 2000, pp. 221-223, XP000958655, ISSN: 1089-7798	
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